

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series	3T
Termination type	Male solder
IP rating	68 mated (mating interface)
AWG wire size	22.00 - 14.00
Cable Ø	6.60 - 7.00 mm
Status	active
Matching parts	EGG.3T.303.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
Keying	1 key (alpha=0; plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	45.28 g

Performance

Configuration	T.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	25 Amps

Specifications

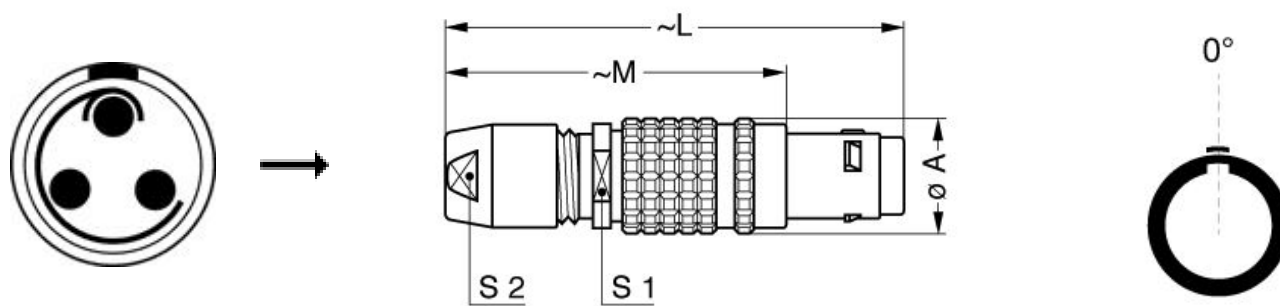
Contact Type: Solder
Contact Dia.: 2 mm (0.079in)
Bucket Dia.: 1.8 mm (0.071in)
Max. Solid Conductor: 1.5 mm² (AWG 14)
Max. Stranded Conductor: 1.5 mm² (AWG 16)
R (max): 3.3 mOhm
Vtest (contact-shell): 1500 V (AC), 2120 V (DC)
Vtest (contact-contact): 1900 V (AC), 2700 V (DC)

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Others

Endurance (Shell): >3000 mating cycles
Temp (min / max): -55°C / +200°C
Humidity (max): <=95% [at 60 deg C / 140 F]
Resistance to vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding efficiency (min): 75 dB (at 10 MHz)
Shielding efficiency (min): 40 dB (at 1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	18.8	64	49	16	14
in.	0,74	2,52	1,93	0,63	0,55

RECOMMENDED BY LEMO

Tools

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